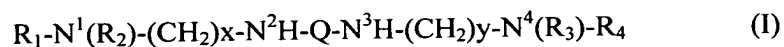


Amendments to the Claims

This listing of claims will replace all prior versions, and listing, of claims in the application.

Listing of Claims

1. (currently amended) An anti-diarrheal or gastrointestinal anti-spasmodic pharmaceutical composition comprising [A] an effective amount of a compound having the formula:

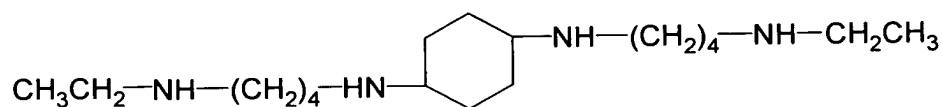
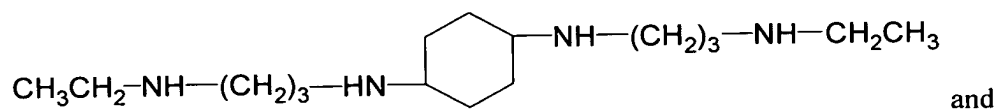


wherein: R_1 , R_2 , R_3 and R_4 are the same or different and are H, alkyl, cycloalkyl or aralkyl having from 1 to 12 carbon atoms, or a heterocyclic group having from 3 to 10 atoms wherein the hetero atom is said N^1 or N^4 ;

Q is a cycloalkyl group having from 3 to 10 carbon atoms;

x is an integer from 3 to 6, inclusive;

excluding the *trans* isomers of the compounds having the structures:



and y is an integer from 3 to 6, inclusive;

or (II) a salt thereof with a pharmaceutically acceptable acid; and [B] a pharmaceutically acceptable carrier therefor.

2. (previously presented) The composition according to claim 1 wherein Q is connected either *cis* or *trans* as the (1,2), (1,3), (1,4), (1,5) or (1,6) isomer.

3. (previously presented) The composition according to claim 1 wherein Q is cyclohexyl.

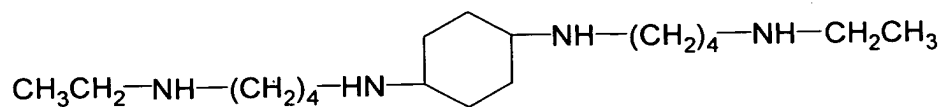
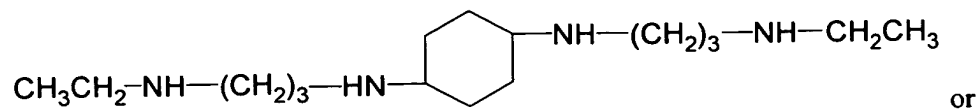
4. (previously presented) The composition according to claim 1 wherein x is 3 and y is 3.

5. (previously presented) The composition according to claim 1 wherein x is 3, y is 3, R₁ and R₃ are both H and R₂ and R₄ are both ethyl.

6. (presently presented) The composition according to claim 1 wherein Q is cyclohexyl; x and y are 3; R₁ and R₃ are both H, and R₂ and R₄ are both ethyl.

7. (currently amended) The composition according to claim [6] 8 wherein said polyamine is the *trans* (1,4) isomer.

8. (new) An anti-diarrheal or gastrointestinal anti-spasmodic pharmaceutical composition, suitable for administration to a human or nonhuman animal in need thereof, comprising [A] an effective amount of the *trans* isomer of a compound having the formula:



or a salt thereof with a pharmaceutically acceptable acid; and [B] a pharmaceutically acceptable carrier therefore.